

BASE INFRASTRUCTURE INVESTMENTS

The following Base Infrastructure Investments have been identified by City staff as the most beneficial and feasible transportation projects available within the Evergreen♦East Hills Vision Strategy (EEHVS) area. The property owner group has agreed to fund these improvements as part of their project and they have been included in the traffic analysis work underway for incorporation into the Draft Environmental Impact Report. Because construction of these projects will partially mitigate the traffic impacts associated with the new development proposed for the EEHVS area, they are now an integral assumption for completion of the traffic analysis. The total cost of these improvements is estimated at \$112M, representing slightly less than half of the total \$235M available for infrastructure improvements and amenities through the project. The specific transportation infrastructure projects are described in more detail below.

1. US101

Project Description: Add vehicle capacity and improve access to the segment of US101 between the US101/680 interchange and the US101/Capitol Expressway interchange.

Specific improvements include:

- Addition of a southbound lane between Story Road and Yerba Buena Road
- Reconfiguration of the US101/Tully and US101/Capitol interchanges to add more space for vehicle merges between the on and off ramps.
- Addition of a southbound auxiliary lane between Tully Road and Capitol Expressway
- Modification of the northbound on-ramp at US101/Yerba Buena interchange to allow traffic from Yerba Buena to enter the freeway before Capitol Expressway
- Modification of the southbound off-ramp at the US101/Yerba Buena interchange to allow traffic to exit the freeway after Capitol Expressway.

Project Location: US101 between I-280 and the Yerba Buena Road Interchange

Estimated Cost: \$81.7M

2. Intersection/Traffic Signal Modifications

Project Description: Construct several intersection modifications or expansions throughout the EEHVS area to offset impacts upon those intersections caused by the proposed development or to improve upon existing conditions. The following infrastructure investments have been identified as feasible and beneficial:

- a. White/Aborn – Add a second westbound left-turn lane and a third southbound through lane.
- b. White/Quimby – Add a third northbound and southbound through lane and a second left-turn lane at all four legs of intersection.
- c. White/Tully – Add third eastbound, northbound and southbound through lanes and add a second left-turn lane at all four legs of intersection.

Note: Estimates are based on 2005 dollar amounts and are based on preliminary project descriptions. More precise estimates require completion of detailed engineering/architectural plans.

- d. White/Ocala – Add a second eastbound and westbound through lane.
- e. Ocala – Restripe Ocala Avenue west of White Road to expand from two to four lanes.
- f. Yerba Buena/San Felipe – Add second eastbound, westbound and southbound left-turn lanes and extend the northbound left-turn pockets.
- g. Capitol/Silver Creek – Extend the eastbound left-turn pockets and widen the curb along west quadrant of the intersection to improve traffic operations. *(Project will be constructed in conjunction with an already funded project to modify the northbound and southbound lanes.)*
- h. Aborn/Capitol – Add a second northbound left-turn lane. *(Project will be constructed in conjunction with an already funded project to add second eastbound left-turn lane and a third westbound left-turn lane.)*
- i. Capitol/Quimby – Add a second eastbound left-turn lane.
- j. Silver Creek/Yerba Buena – Realign eastbound and westbound lanes to improve traffic operations.
- k. King/Tully – add an eastbound right-turn lane; add a second southbound left-turn lane
- l. Aborn/Ruby – modify signal to provide protected northbound and southbound left-turn movements
- m. Capitol/McLaughlin – add a second northbound left-turn lane; provide a separate second southbound left-turn lane (instead of a shared left-turn & through lane)
- n. McLaughlin/Tully – add a northbound right-turn lane

Estimated Cost: \$8.7M to \$10.0M.

3. White Road

Project Description: Improve White Rd to provide a six-lane facility with a landscaped median island between Ocala Avenue and Aborn Road. A segment of roadway will remain four lanes, between Remington Way and Stutz Way, due to insufficient right-of-way. The median island will restrict the left-turn movements to/from White Road at various non-signalized intersections.

Project Location: White Road between Ocala Avenue and Aborn Road.

Estimated Cost: \$8.9M

4. Capitol Expressway

Project Description: In combination with the construction of the Light Rail (LRT) project, the carpool (High Occupancy Vehicle or HOV) lanes between Nieman Boulevard and US101 will be converted to standard “mixed flow” lanes. The project also includes construction and/or upgrades to the sidewalks, a median island, landscaping, streetlights, street trees, pavement repair, and traffic signal upgrades.

Note: Estimates are based on 2005 dollar amounts and are based on preliminary project descriptions. More precise estimates require completion of detailed engineering/architectural plans.

Note: The timing of the above-mentioned enhancements will be subject to the LRT construction schedule and relinquishment of control of the expressway from the County's jurisdiction to the City's. The LRT project will fund and implement construction of the improvements between Capitol Avenue and Nieman Boulevard and the EEHVS project will fund improvements for the remaining segments of Capitol Expressway.

Project Location: Capitol Expressway between Nieman Boulevard and US 101.

Estimated Cost: \$7.5M

5. New Traffic Signals & Other Major Intersections/Roadways

Project Description: The City will conduct traffic signal warrant studies to identify intersections that require signalization. Warrant studies analyze whether a traffic signal at a particular location would reduce traffic delays, reduce accidents, or help pedestrians. The City will also continue to request dedication of the necessary right-of-way (ROW) to implement expansion of various major roadways to their planned full capacity as properties adjacent to these roadways develop. This funding can be used to implement improvements of these major intersections and roadways in the Evergreen•East Hills area or other areas where it would benefit the Evergreen•East Hills commuters.

Project Location: To be Determined

Estimated Cost: \$8.7M - \$10.0M (Minimum \$4.0M for Base Infrastructure Investments)

ADDITIONAL POTENTIAL INFRASTRUCTURE INVESTMENTS

The EEHVS Task Force may recommend allocating additional funding for transportation infrastructure investments from the total amenity/improvement package amount of \$235M. These infrastructure investments do not specifically mitigate traffic impacts as measured under the City's standard methodology, but would help traffic flow, support alternative modes of transportation, enhance the appearance of roadways and/or protect neighborhoods from traffic impacts. The specific projects are described as follows.

6. Intelligent Transportation Systems (ITS) Network

Project Description: Install equipment including cameras and additional cabling to allow coordination of the traffic signals along major corridors, such as Tully Road, Story Road, King Road, Aborn Road, and Quimby Road. Interconnecting the signals allows better synchronization and enables the City to monitor and adjust the signals from a central control station in response to any incidents or specific traffic problems.

Project Location: To be Determined

Estimated Cost: \$4.0M

7. Thompson Creek Trail

Project Description: Construct a 7-mile multi-use recreational trail. The trail will typically consist of a 12-foot paved pathway for bicycle and pedestrian use, gravel shoulders and landscaping.

Project Location: Along Thompson/Lower Silver Creek between Lake Cunningham and San Felipe Road.

Estimated Cost: \$16.9M

8. Nieman Pedestrian Overcrossing

Project Description: Construct a pedestrian and bicycle overcrossing on Capitol Expressway near Nieman Boulevard. Overcrossings provide a safer pedestrian/bicycle crossing opportunity, reducing the risk of pedestrian accidents and improving connections between local neighborhoods, parks, trails, and schools.

Project Location: Capitol Expressway between Quimby Road & Nieman Boulevard.

Estimated Cost: \$6.0M to \$8.0M

9. Lake Cunningham Pedestrian Overcrossing

Project Description: Construct a pedestrian and bicycle overcrossing on White Road. The overcrossing would provide a safer pedestrian/bicycle crossing in the vicinity of Lake Cunningham Regional Park. Preliminary analysis suggests that this overcrossing may not be well utilized.

Project Location: White Road & Lake Cunningham.

Estimated Cost: \$6.0M

10. Bike Lanes for Appropriate Corridors

Project Description: Complete preparation of a bike master plan for the Evergreen•East Hills area and designate bicycle lanes and other projects as recommended in the plan.

Project Location: To be Determined

Estimated Cost: \$1.0M

11. Transit Enhancement

Project Description: The funding would be used to fund improvements to VTA facilities within the EEHVS area as identified by the community. Possible improvements include enhanced bus stop shelters, one-time funding for special programs and other transit facility upgrades.

Project Location: To be Determined.

Estimated Cost: \$3.0M

Note: Estimates are based on 2005 dollar amounts and are based on preliminary project descriptions. More precise estimates require completion of detailed engineering/architectural plans.

12. Traffic Calming

Project Description: Traffic calming is a way to manage traffic so that its negative impacts on residents, pedestrians and schools are minimized. Traffic calming solutions can include, but would not be limited to, traffic circles, speed tables, bulbouts, or medians to reduce speeding, enhanced crosswalks to help pedestrian safety, and other measures. Traffic calming solutions are typically installed following a neighborhood traffic study that identifies and quantifies problems and obtains full neighborhood support for changes. Specific traffic calming solutions will be developed as they become identified and needed, and funds provided will only be used within the Evergreen♦East Hills area.

Project Location: To be Determined

Estimated Cost: \$5.0M

13. Street Trees

Project Description: The City’s goal is to install street trees at locations in need throughout the Evergreen♦East Hills area. Street trees provide a better walking environment by creating shade and separation between pedestrians and vehicles.

Project Location: To be Determined

Estimated Cost: \$1.0M

14. Curb Ramps

Project Description: Construct wheelchair ramps at street corners where ramps are not currently present to improve accessibility.

Project Location: To be Determined

Estimated Cost: \$1.8M

15. Median Island Landscaping

Project Description: Add median landscaping on wide streets to enhance the street appearance and environment for all users.

Project Location: To be Determined

Estimated Cost: \$2.5M

Note: Estimates are based on 2005 dollar amounts and are based on preliminary project descriptions. More precise estimates require completion of detailed engineering/architectural plans.